

STAT

Conference Re:  Stereo  
Point Transfer Device

10 Sep 63

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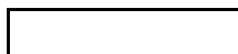


1. Control Console
  - a. Left & right hand
    - (1). Optimize orientation
  - b. Floor type ok
  - c. Possible filler for open-side
2. High Intensity Illumination Specs Needed
  - a. Adjustment of diameter for operators position.
3. Enlargement of Cabinet Length + 2 ft.
  - a. for precision
  - b. approx 4' added to loop
    - (1) Look at 6 & 7
  - c. Two rolls tandem 11 foot leader
4. Redesign of Eye station mount
  - a. Counter balance is desired
5. Vacuum Hold Down:
  - a. Emulsion protection
  - b. Sharp Focus maintained
6. Dust Problem in Zoom Optical pkg.
7. Head Problems on the rotation discs in the eyepiece assembly.
8. Interpupillary scale required.
9. Cover of Electronics in base is needed.
10. Caster, isolators - leveling packs
11. Motorized Film Drive
12. Film Loading System
  - a. design for easier loading
  - b. split journals left open
13. Total true magnification at all times.

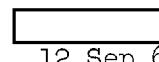
Declass Review by  
NIMA/DOD

14. Rotation numbers not clear possible more numbers
15. Comparator feasibility
16. Independently variable drive control rotation and velocity

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1. Change overall length to 84"
  - a. adds 4 ft. to film loop to 18 feet
2. Get data on 35mm spools
3. Spooling System
  - a. low position 8' leader, high 11' leader
4. Get Chip sizes
5. Control Console
  - a. Separate floor console
  - b. will deliver optional plans
  - c. sloping panel
  - d. dependent & independent

250 pps = 1" sec                      high speed  
 lp = .004"

2.50 pps = .01"/sec      = .00004"  
 lp = .01"/sec

manual pulse switch ?    slo syn

130° F.                      12,000 lumens/sq.inch  
                                  24 watts

2 watts                      IR 8 watts                      400 - 2500

1:1, 1.6 - .6                      500 ft. lamberts at 125X at eyelens

Binocular, Superimposition  
 Strobismus